

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	A-MAR-10 KJ458MT-C6C	MARCH'10	

NOTES:

TRANSMISSION PERFORMANCE:  
1. ANSI/TIA-568-C.2, CATEGORY 6

ENVIRONMENTAL:  
1. STORAGE TEMPERATURE: -40 °C - +70 °C (-40 °F - +158 °F)  
2. OPERATION TEMPERATURE: -10 °C - +60 °C (+14 °F - +140 °F)  
3. RH (OPERATION): MAX NON-CONDENSING 93 %

ELECTRICAL:  
1. INSULATION RESISTANCE: MIN 500 MOHM @ 100 VDC  
2. DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VDC/AC PEAK CONTACT-TO-CONTACT @ 60 HZ FOR 1 MIN  
3. SPRING WIRE CONTACT RESISTANCE: MAX 20 MOHM  
4. IDC CONTACT RESISTANCE: MAX 2.5 MOHM

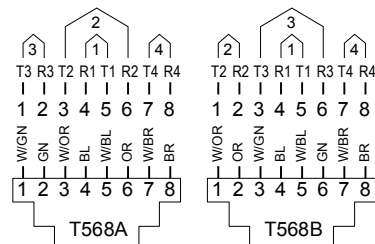
MECHANICAL:  
1. RETENTION: 50 N (11 LBF) FOR 60 ± 5 S  
2. MATING CYCLE LIFE: MIN 750 CYCLES  
3. IDC WIRE GAUGE: 22-24 AWG (0.644 - 0.511 MM)

CONSTRUCTION:  
1. HOUSING: HIGH-IMPACT THERMOPLASTIC, UL94V-0 FIRE-RETARDANT  
2. JACK SPRING WIRE: PHOSPHOR BRONZE ALLOY PLATED WITH 50 MICROMETERS OF GOLD OVER 70-100 MICROMETERS OF NICKEL  
3. IDC: 110 TYPE, PHOSPHOR BRONZE ALLOY WITH 100 MICROMETERS OF 100% TIN ALLOY

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS (INCHES)  
TOLERANCES: MM IN ANGULAR

0.0: ±0.2 0.0: ±0.016 0 ±1°  
0.00: ±0.1 0.00: ±0.008 0.0 ±0.5°  
0.000: ±0.004

MATERIAL: AS NOTES  
MECHANICAL: AS NOTES  
ELECTRICAL: AS NOTES



WIRING SCHEMES

PROJECT ID SPCS - PD		FILE SPCS - PD.KJ458MT-C6C	MAR'10	16295 NW 13th Ave, Ste A, Miami, FL 33169, PH: (305) 944-7710, FX: (305) 949-4483, www.signamax.com	
PROCESS	INITIALS	NAME	DATE	TITLE KJ458MT-C6C (CAT6 UTP MT-SERIES KEYSTONE JACK)	
DRAWN				SIZE A	REV A
CHECK				CAGE CODE	DWG. NO.
APPROVED				UNIT MM (IN)	SHEET 1 OF 1
				SCALE 1:1	